



Samba 42000 Inkjet Printbar System

Based on Fujifilm Samba Technology

The 42000 Printbar System can easily be integrated onto an existing flexo label press. This digital imprinting system consists of all the components required to bring digital benefits to your label products. Each Printbar contains ten 1200 DPI resolution Samba printheads. Creating a 17-inch print zone.

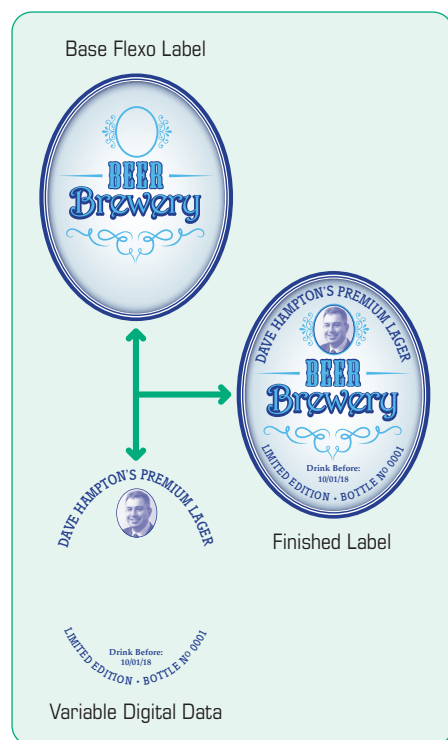


Samba[®]
42000 Printbar System

The Power of Fujifilm Inkjet Technology

Fujifilm introduces the **Samba 42000 Printbar System**, a product designed to bring the capabilities of high resolution and speed using the Samba MEMs inkjet printheads to your flexo label production.

Now you can boost your business by adding an inline digital print system for a wide range of personalized or data printing applications including text, logos, QR and bar codes and graphics.



This system allows the flexibility and versatility needed to explore and develop all your in-line digital printing needs.

Raising the Bar in Printing

Samba drop-on-demand inkjet printheads jet billions of drops per second, each directed to a precise location, producing high resolution single pass imprints at an incredible speed of up to 300 feet per

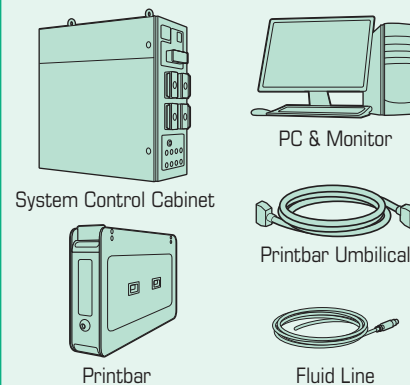
minute. Each Industrial Silicon MEMs constructed printhead within a printbar has 2,048 nozzles to deliver a native 1200 dpi resolution with an ink drop size as small as 3 picoliters (pl) for outstanding fine graphic quality. The patented RediJet Ink recirculation system ensures printbars are instantly primed, resulting in faster time to print, minimal ink waste and improved reliability.

Versatility Tuned to Your Business

The flexibility of the Samba 42000 Printbar System makes digital imprinting within manufacturing a possibility. Fujifilm Dimatix printheads are a proven technology using UV inks on multiple substrates. The ability to host various colors including: Black, spot colors, whites and protective/decorative varnishes.

The Samba 42000 Printbar is easily integrated within your environment and comes complete with everything you need to get up and operating quickly.

Samba 42000 Printbar System



Parameter	Samba 42000 Printbar System
Printbars	
Line speed	Up to 300 fpm [90 m/min]*
Number of colors	One color system: black, white, spot color, or varnish
Printbars supported	Single printbar per system
Print width	10 in. [250 mm]/13 in. [330 mm] /17-in. [420mm]
Fluid Parameters	
Curing	LED UV
Maintenance	Automated maintenance and capping station
Compatibility	UV-curable
Print Parameters	
Input image file format	PDF binary and grayscale monochrome
Cross process resolution	1200 dpi
Process resolution	300/600/1200 dpi
Smallest font	4 pt*
Media handling	Integrated into existing flexo press (requires mounting rails)
Control Parameters	
Image alignment	High Resolution encoder and trigger
Interfaces	Windows® 7 Graphical User Interface
Variable data	Yes
Physical Parameters	
Printbar dimensions	Height = 24 in. [612 mm], depth = 7 in. [178 mm], width = 38.5 in. [977mm]
Power	Universal 120-240 VAC 50/60 Hz 20 amps

*capabilities may vary depending on application

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